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S E C R E T SECTION ONE OF F	IVE CITE NPIC	1271		
	PREFACE		•	
THE FOLLOWING THEODMARTS	•			
THE FOLLOWING INFORMATION REP	RESENTS A PRELI	MINARY ANAL	YSIS	
ON BLACK SHIELD MISSION BX67Ø	8, 13 JULY 1967	•		,
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SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERJGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

HIGHLIGHTS

NO EVIDENCE OF OFFENSIVE SURFACE-TO-SURFACE MISSILE EQUIPMENT OR FACILITIES.

A TOTAL OF 71 SA-2 SITES ARE IDENTIFIED. OF THE 71, 5 ARE OCCUPIED, 54 ARE UNOCCUPIED (1 OF WHICH IS NEWLY IDENTIFIED), 10 ARE IDENTIFICATION ONLY, AND 2 SITES WERE DELETED. FOUR MAJOR AIRFIELDS WERE COVERED PROVIDING ORDER OF BATTLE INFORMATION.

HA NOI IS IMAGED ON FAIR QUALITY, OBLIQUE PHOTOGRAPHY. HAI PHONG IS NOT COVERED.

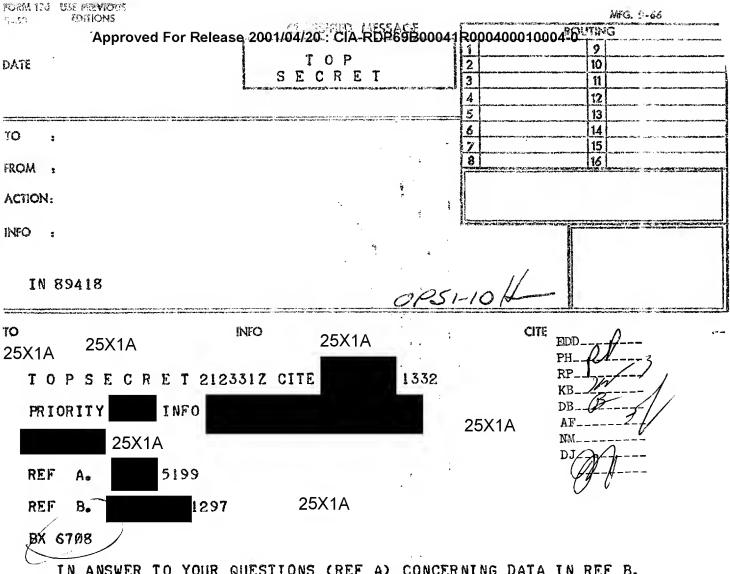
MISSILES

HA NOI SAM SEARCH VN 2102N 10551E NO NEW SAM ACTIVITY OBSERVED. 25X1A

25X1D

HA NOI SAM SITE A10-2 (14) VN 2101N 10558E IDENTIFICATION ONLY.

25X1A



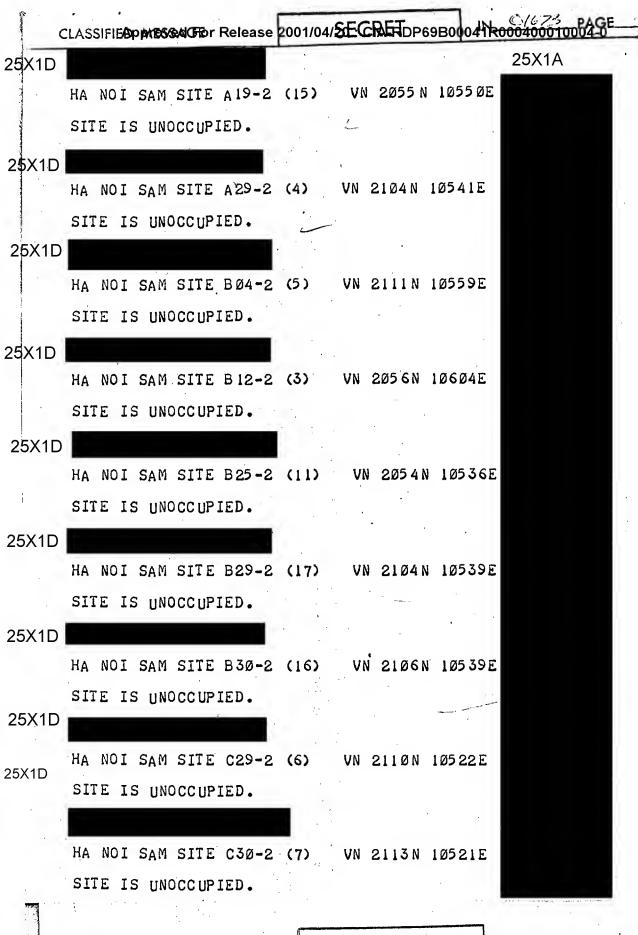
IN ANSWER TO YOUR QUESTIONS (REF A) CONCERNING DATA IN REF B,
THE ERROR IN CAGING RECORD AND THE THREE QUESTIONABLE FRAMES
REFER TO:

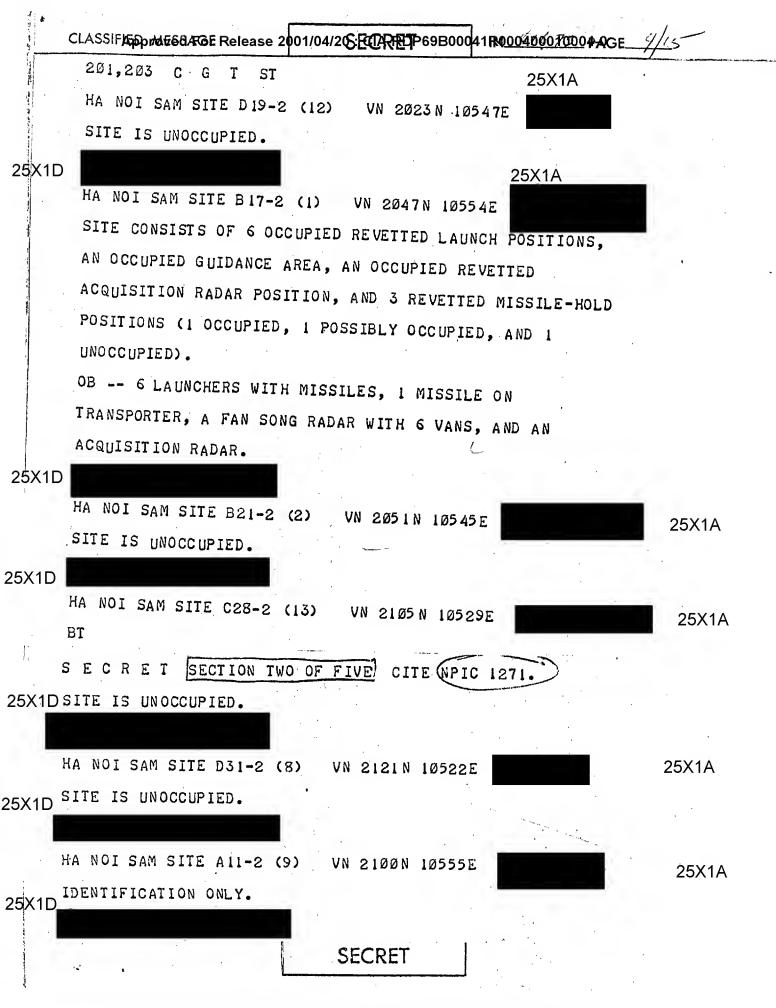
- 1. AT ELAPSED TIME 07841 AND 11383, INS TAPE INDICATED UNCAGED STATUS. CAGING LIGHT IN FILM DATA BLOCK WAS ON.
- 2. AT ELAPSED TIME 11406, INS TAPE INDICATED CAGED STATUS.

 CAGING LIGHT IN FILM DATA BLOCK WAS OFF.

T O P S E C R E T TOR: 220113Z JUL 67







-5//->

25X1A

HA NOI SAM SITE A24-2 (19) VN 2056N 10543E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS,

AN OCCUPIED REVETTED GUIDANCE AREA, AN OCCUPIED

ACQUISITION RADAR POSITION, AND 3 UNOCCUPIED REVETTED

MISSILE-HOLD POSITIONS.

OB -- 6 LAUNCHERS WITH MISSILES, A GUIDANCE RADAR WITH

AT LEAST 5 VANS, AND AN ACQUISITION RADAR.

25X1D

25X1D

25X1D

HA NOI SAM SITE D31A-2 (28) VN 2124N 10517E

25X1D SITE IS UNOCCUPIED.

HA NOI SAM SITE D16-2 (24) VN 2034N 10607E

SITE IS UNOCCUPIED.

HA NOI SAM SITE D31B-2 (29) VN 2123N 10520E

SITE IS UNOCCUPIED.

YEN BAI SAM SITE C14-2 (122) VN 2128N 10509E

SITE HAS BEEN RETURNED TO AGRICULTURE AND WILL NO.

LONGER BE REPORTED BY NPIC.

25X1D

25X1A

YEN BAI SAM SITE B12-2 (116) VN 2136N 10507E

25X1D SITE IS UNOCCUPIED.

25X1A

25X1A-

YEN BAI SAM SITE B11-2 (194) . VN 2146N 10513E

IDENTIFICATION ONLY.

THANH HOA SAM SITE CØ4-2 (68) VN 2011N 10604E

SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE DØ2-2 (69) VN 2025 N 10601E SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE CØ1-2 (77) VN 2013N 10551E SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE DØ3-2 (79) VN 2021N 10604E SITE IS UNOCCUPIED.

25X1D

THANH HOA SAM SITE DØ3A-2 (80) VN 2021N 10600 SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B3ØA-2 (43) VN 21Ø8N 1Ø535E SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C3ØA-2 (44) VN 2112N 10521E SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE A17A-2 (45) VN 2052N 10554E SITE IS UNOCCUPIED.

25X1D

BT

SECRET

25X1A

S E C R E T SECTION THREE OF FIVE CITE NPIC 1271.

25X1A

HA .NOI SAM SITE C3ØC-2 (51) VN 2114N 10523E SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B33-2 (64) VN 2110N 10544E SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C13-2 (81) VN 2045N 10613E SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C30D-2 (92) VN 2112N 10530E

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C3ØE-2 (114) VN 2111N 10521E

SITE IS UNOCCUPIED.

25X1D

HOA BINH SAM SITE B17-2 (170) VN 2030N 10525E

IDENTIFICATION ONLY.

25X1D

HAI PHONG SAM SITE D22-2 (152) VN 2024N 10624

SITE IS UNOKCUPIED. 25X1D

HAI PHONG SAM SITE C21-2 (157) VN 2024N 10630

IDENTIFICATION ONLY.

25X1D

HAI PHONG SAM SITE D23-2/(174) VN 2028N 10614

SECRET

25X1A

SITE IS UNOCCUPIED.

25X1D ·

25X1A

HA NOI SAM SITE C33-2 (120) VN 2118N 10537E SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE AØ1-2 (133) VN 21Ø7N 1Ø552E IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE A14-2 (142) VN 2056N 10558E SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE C32-2 (143) VN 2119N 10531E SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE B32-2 (146) VN 2115N 10535E

SITE IS UNOCCUPIED.

25X1D

HA NOU SAM SITE C17-2 (147) VN 2036N 10601E SITE IS UNOKCUPIED.

25X1D

25X1A

HA NOI SAM SITE A31-2 (159) VN 2104N 10546E

SITE CONSISTS OF 6 POSSIBLY OCCUPIED REVETTED LAUNCH POSITIONS, AN OCCUPIED CENTRAL GUIDANCE AREA, AND AN OCCUPIED ACQUISITION RADAR POSITION.

OB -- 6 POSSIBLE LAUNCHERS AND MISSILES, A GUIDANCE RADAR WITH AT LEAST 4 VANS, AND AN ACQUISITION RADAR.

25X1D

25X1A

HA NOI SAM SITE C17A-2 (161) VN 2037N 10557E

SITE CONSISTS OF 5 OCCUPIED REVETTED LAUNCH POSITIONS,

1 UNOCCUPIED REVETTED LAUNCH POSITION, A REVETTED

GUIDANCE AREA (PROBABLY OCCUPIED), AND AN OCCUPIED

ACQUISITION RADAR POSITION.

OB -- 5 LAUNCHERS WITH MISSILES, A PROBABLE FAN SONG
RADAR WITH AT LEAST 4 VANS, AND AN ACQUISITION RADAR.

ST 25X1D

25X1A

HA NOI SAM SITE E22-2 (164) VN 2026N 10529E IDENTIFICATION ONLY.

25X1D

HA NOI SAM SITE C17B-2 (165) VN 2033N 10600E SITE IS UNOCCUPIED.

.25X1D

HA NOI SAM SITE C16-2 (166) VN 2041N 10605E SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE AØ5-2 (158) VN 2108N 10558E SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE D31C-2 (131) VN 2124N 10517E

SITE IS UNOKCUPIED. 25X1D

25X1A

THANH HOA SAM SITE CØ4B-2 (172) VN 2ØØ8N 1Ø6Ø2E SITE HAS BEEN RETURNED TO CULTIVATION AND WILL NO LONGER BE REPORTED BY NPIC.

SITE IS UNOCCUPIED.

25X1D

HA NOI SAM SITE (211)

VN 2108N 10527E NO COMOR

SITE IS UNOCCUPIED.

25X1D

HOA BINH SAM SITE (212) (NEW) VN 2052N 10533E NO COMOR 12.2 NM ENE OF HOA BINH.

NEWLY IDENTIFIED SITE CONSISTS OF 3 UNOCCUPIED UNREVETTED LAUNCH POSITIONS AND AN UNOCCUPIED UNREVETTED GUIDANCE AREA.

OB -- NONE OBSERVED.

25X1D

HOA BINH SAM SITE (210) VN 2053N 10523E NO COMOR SITE IS UNOCCUPIED.

25X1D

AIR FACILITIES 25X1A

HANOI/BAC MAI AIRFIELD VN 2059N 10550E

OB -- 1 DERELICT AIRCRAFT IN HANGAR.

25X1D

25X1A

HANOI/GIA LAM AIRFIELD VN 2102N 10553E

OB -- 6 FAGOT/FRESCO, 3 POSSIBLE FAGOT/FRESCO, 1

PROBABLE COKE, 1 CRATE, 1 CAB (WITHOUT WINGS), 3 COLT,

1 HOOK, 1 HOUND, AND 1 POSSIBLE AIRCRAFT.

25X1D

25X1A

PHUC YEN AIRFIELD VN 2113N 10548E

OB -- 2 POSSIBLE FISHBED.

25X1D

25X1A

YEN BAI AIRFIELD VN 2143N 1045 1E

NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE MISSION

BX6705, 20 JUN 67.

25X1D

HOA LAC AIRFIELD VN 2101N 10530E

25X1A

OB -- 2 FAGOT/FRESCO AND 2 DUMMY/DECOY AIRCRAFT.

25X1D

THO KHOI HELICOPTER DISPERSAL AREA VN 2100N 10554E NO COMOR

OB -- 2 HOOK.

25X1D

HA NOI HELICOPTER DISPERSAL AREA VN 2105N 10549E NO COMOR OB -- 3 HOOK.

25X1D

MILITARY ACTIVITY

HA NOI/LAO CAI RR SEGMENT 2 VN 2200N 10433E

ENTIRE SEGMENT COVERED. FOLLOWING ACTIVITY OBSERVED IN

CLOUD-FREE AREAS -- RAIL BY-PASS UNDER CONSTRUCTION AT

21-54-45N 104-36-08E, SERVICEABLE RAIL BY-PASS AND

ORIGINAL RAILROAD BRIDGE UNSERVICEABLE AT 21-57-50N

104-36-08E, RAIL BY-PASS AT 22-04-30N 104-28-20E, 1

LOCOMOTIVE AND 18 PIECES OF ROLLING STOCK AT 22-08-30N

104-23-32E, RAIL BY-PASS UNDER CONSTRUCTION AT

22-08-35N 104-32-20E.

25X1D

HA NOI/LAO CAI RR SEGMENT 1 VN 2220N 10410E SOUTH 5 PERCENT OF SEGMENT COVERED. NO ACTIVITY OBSERVED.

25X1A

25X1A

HC F T NS 25X1D

25X1A

HA NOI/LAO CAI RR SEGMENT 3 VN 2140N 10456E

ENTIRE SEGMENT IS COVERED. FOLLOWING ACTIVITY OBSERVED

IN CLOUD-FREE AREAS -- 4 PIECES OF ROLLING STOCK AND

BT

SECRET FINAL SECTION OF FIVE CLTE NPIC 1271.

RAIL INTERDICTION AT 21-33-30N 105-00-30E, RAIL BY-PASS UNDER CONSTRUCTION AT 21-34-10N 105-00-08E, RAIL BY-PASS UNDER CONSTRUCTION AT 21-40-20N 104-56-12E, 14 PIECES OF ROLLING STOCK AND RAIL INTERDICTIONS AT YEN BAI RAILROAD YARD AT 21-42-00N 104-53-00E, RAIL BY-PASS AT 21-59-05N 104-45-45E.

25X1D

25X1A

HA NOI/LAO CAI RR SEGMENT 4 VN 2120N 10520E

ENTIRE SEGMENT COVERED. ROUTE IS UNSERVICEABLE.

APPROXIMATELY 60 PIECES OF ROLLING STOCK OBSERVED.

25X1D

25X1A

HA NOI/LAO CAI RR SEGMENT 5. VN 2110N 10548E IDENTIFICATION ONLY.

25X1D

COMPLEXES 25X1A

TUYEN QUANG COMPLEX VN 2148N 10512E

NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE MISSION

25X1D

25X1D

YEN BAI COMPLEX VN 2141N 10452E 8A0415

COMPLEX HAS BEEN RAZED WITH MAJORITS OF STRUCTURES
DISMANTLED AND THE REMAINDER DESTROYED OR DAMAGED. NO
SIGNIFICANT ACTIVITY OBSERVED WITHIN COMPLEX.
APPROXUMATELY 14 PIECES OF ROLLING STOCK OBSERVED IN
RAILROAD YARD.

25X1D

25X1A

VIET TRI RAILROAD YARD VN 2118N 10526E

RAILYARD APPEARS TO BE UNSERVICEABLE. YARD HAS BEEN SUBJECTED TO AIR STRIKES AND HAS NUMEROUS BOMB CRATER. AT LEAST 20 PIECES OF ROLLING STOCK (7 DERAILED AND OVERTURNED) OBSERVED IN YARD.

25X1D

25X1A -

YEN VIEN RR CLASSIFICATION YARD VN 2105N 10555E IDENTIFICATION ONLY.

25X1D

GP - 1.

BT

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PART I. SIGNIFI	CHMI PHOIO IN	TERPRETATIONS		
B. NEW TARGETS	AND SIGNIFICA	NT CHANGES		
ITMØ1:HA NOI SAM	SITE C17A-2	(161) SGM+6R1A	CTV-IIN GG7777	1000000
MUN: SITE CONS	ISTS OF 5 OCC	UPIED REVETTED L	AUNCH POSITIONS	. 1

CLASSIFIED A655-54-66 For Release 2001/03/26 HOTA-RDP69B00041R00040001866

UNOCCUPIED REVETTED LAUNCH POSITION, A REVETTED GUIDANCE AREA OCCUPIED BY A PROBABLE FAN SONG RADAR WITH AT LEAST 4 VANS, AND A REVETTED ACQUISITION RADAR POSITION OCCUPIED BY A PROBABLE RADAR.

MIS:5 SA-2 MISSILES.

ELC: 1 PROBABLE FAN SONG RADAR WITH AT LEAST 4 VANS AND 1

PROBABLE ACQUISITION RADAR.

25X1A

BEN:

WXR: HAZE

CVG: TOT AL

QAL:FAIR SCL: PAN

25X1D

ITM02: HA NOI SAM SITE B17-2 (1) SGM:6B1AA CTY:VN 204700N1055433E RMK: SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS, A GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR WITH 6 VANS, AN OCCUPIED REVETTED ACQUISITION RADAR POSITION, AND 3 REVETTED MISSILE-HOLD POSITONS (1 WITH MISSILE ON TRANSPORTER, 1 POSSIBLY OCCUPIED, AND 1 UNOCCUPIED).

MIS:6 SA-2 MISSILES ON LAUNCHERS AND 1 SA-2 MISSILE ON TRANSPORTER. ELC: 1 FAN SONG RADAR AND I ACQUISITION RADAR.

BEN:

WXR:CLEAR

CVG:TOTAL

QAL: GOOD SCL: PAN

25X1D

25X1A PART II. OTHER PHOTO INTERPRETATIONS - NONE

GP - 1

BT